

THE COMMERCIAL MOTOR

Volume 114

AUGUST, 1961

TO

JANUARY, 1962

Printed and Published by the Proprietor:

TEMPLE PRESS LIMITED

Chairman: **ROLAND E. DANGERFIELD**

**Bowling Green Lane
LONDON, E.C.1**

Index to Volume 114

A

- Aberdare Transport Department, Article by P. A. C. Brockington, 152, 155*
 Aberdeen, Annual Report, 375
 Fares, 719
 Aberdeenshire Snow Clearance Programme, Article by Ashley Taylor, 488-491*
 Abery, Mrs. J., Licence Application, 374
 Accelerator Control, Fisoqas, 757*
 Accidents, Metropolitan Police Statistical Analysis, 170
 Adams Bros. (Kingston), Ltd., Boat Haulage, 15*
 A.E.C., Argentine Licence Agreement, 169
 AV410 Six-cylinder Engine for Dodge 9-ton Range, 169*
 Chassis Despatch Building, 204*
 Management Changes, 746*
 Marshal 6 x 2, 334*
 Mercury, One-piece Plexides Cab, 660*
 Orders, 8, 40, 74, 109, 119, 141, 168, 210, 249, 272, 302, 340, 372, 403, 437, 470, 524, 558, 597, 628, 660, 692, 749, 781, 844
 Reliance 470 Chassis, 54*; Plaxton Panorams Coach, 406*
 Reliance 590 Chassis, 54*
 Routemaster, Steering Column Assembly Change, 627
 Scottish Motor Show Exhibits, 504*
 Ainsworth, J. and Co. (Bolton), Ltd., Article by P. A. C. Brockington, 214-216*
 Albion Chieftain CH3ATR Tractive Unit, 419
 Lowlander, 416-419*
 Orders, 168, 403, 437, 470, 524, 749
 Reiver RE 25 AT, 809*
 Scottish Motor Show Exhibits, 505*
 Site Development, 75
 Super Reiver 17-ton 17-cwt. Six-wheeler (Road Test), 472-475*
 Victor Bus, 41*
 VT17B Range, 399
 Alder, A. J. W., Licence Application, 101
 Alexander, John, and Sons, Ltd., Licence Application, 465
 Alexander, W., and Sons (Northern), Ltd., Licence Application, 436, 719
 All Wheel Drive, Ltd., 60% of Capital Acquired by Vickers, Ltd., 780
 Allen, W. G. ("Men Who Make Transport" Series), 396, 397
 Allied Suppliers (Transport), Ltd., Article by P. A. C. Brockington, 118-120*
 Alloy Transport Sections, Ltd., Altrasec Body Kits, 665*
 Aluminium Alloy Bodywork, Editorial, 805; Use in Specialized Haulage and C-licence Wores, 186-189*
 Properties of, 199
 Road Transport Applications, Article by Dr. L. G. West, 174-177*
 Ambulances for Persian Army, Sparshatts 4 x 4, 81*
 America, see U.S.A.
 Amos, James, Presidential Address to Institute of Transport, 359
 Appeals (Ministry of Transport):—
 Bettesford Motors, Ltd., 659
 East Midlands Motor Services, Ltd., 719
 Gillards of Normanton, 825
 Limited Slip Pool, 135
 Pangbourne Coaches, Ltd., 212, 628
 Salisbury Motor Services, Ltd., 8
 Sheffield United Tours, Ltd., 719
 Smith's Luxury Coaches (Reading), Ltd., 527
 Thomas, H. (Motors), Ltd., 721
 Wainfleet Motor Services, Ltd., 135
 Appeals (Transport Tribunal):—
 Bearman, Victor, 559
 Bow, Thomas and Co. (Haulage), Ltd., 407
 Bristow, C., Ltd., 9
 Corby, C. E., 693
 Dadds, Tom, 631
 East Anglian Carriers, Ltd., 559, 693
 Fergusson, Archibald, 407
 Grosvenor Transport Co., 631
 Harman, A. L. S., Ltd., 342
 Harrison, Wilfred (Transport), Ltd., 342
 Leaper, Alfred, 407
 Lytham Bros., 431, 693
 Malcolm, W. H., Ltd., 407
 Margerison Haulage, Ltd., 433
 Maynor Transport, Ltd., 817, 849
 Nelson, E., and Sons, 342
 Powells Transport, Ltd., 559
 Ramage, Arthur, and Sons, 407
 Rothwell, J., and G., Ltd., 433
 Securicor, Ltd., 589, 631
 Smith, Arthur, 528
 Woodham, A. E. (Cleansing Services), Ltd., 845
 Apleyard of Leeds, Ltd., Icecreamery, 479*
 Apps, H. Spencer, Death of, 842

- Argyle, G., Appointed Chief Engineer, Commercial Vehicles, B.M.C., 656
 Armoured Cars, Converted Ex-W.D., 275*
 Army Driving Championship, 207, 414
 Arnold Transport (Rochester), Ltd., Court of Appeal Findings, 5
 Licence Application, 301
 Associated Commercial Vehicles, Ltd., Results, 1960/61, 659, 776
 Associated Motorways, Fares, 471
 Associated Road Transport Contractors, New Chairman, 434
 Association of British Chambers of Commerce Report to Rochdale Committee, 602
 Atkinson Results 1960/61, 10, 236
 Scottish Motor Show Exhibits, 505
 -York 24-ton gross Articulated Outfit (Road Test), 734-737*
 Atlas Express Co., Ltd., Eurofreight Activities, 344-347*
 Nottingham Parcels Depot, 790-791*
 Vehicle Security Arrangements, 86-89*
 Austin Gypsy Breakdown Tender, 785*
 Scottish Motor Show Exhibits, 506*
 Seven 1-ton Pick-up Truck, 263*
 WE-K120 6-ton Export Model, 499*
 10/12-cwt. Export Models Upgraded, 717
 11-ton Forward-control Drop-side Lorry (Road Test), 310-313*, 343
 5-ton Low-loaders, 498, 499, 598
 12/15-ton Tractive Unit Improvements, 660
 Austria, International Transport Agreements Summary, 748
 Axle Weight Calculation, Standardized Methods, 549

B

- Baker, F. A., Transport (Rye), Ltd., Licence Application, 817
 Baker, J. A., Death of, 656
 Earle, J. A., Appointed Assistant Managing Director, Ford Motor Co., Ltd., 270
 Ear, J. M. ("Personality of the Week" Series), 838, 839*
 Barnett, L. J. ("Men Who Make Transport" Series), 130, 131*
 Barton Transport, Ltd., 433; Offer for Robin Hood (Coaches), Ltd., 164
 Barwell, F. T., Paper on the Future of Railway Mechanical Engineering, 302
 Bates, T. W., (Aggregates), Ltd., Licence Application, 748
 Baxter, William, and Son, Licence Application, 625
 Bearman, Victor, Appeal, 559
 Beckett, R. A. ("Men Who Make Transport" Series), 2, 3*
 Bedford CA 10/12- and 15-cwt., New Gearbox and Brakes Available, 626
 Exports, 776
 New Passenger Chassis, 72*
 SB Series Passenger Chassis, Increased Power, 436
 Scottish Motor Show Exhibits, 506
 TK 7-tonner (Perkins 6.354 Diesel Engine), Road Test, 608-611*
 TK, Soviet Embassy Bus, 592*
 TK 8-ton-Scammell Outfit for Transport of Refrigerated Display Units, 210*
 220- and 330-cu.-in. Engines Available on Goods Chassis, 637*
 6-ton Diesel-engined 4 x 4 Tipper, 855-859*
 -Duple JX20, 754-756*
 -Lacre Suction Sweeper-collector, 522*
 -Scammell 15-ton Articulated Outfit (Road Test), 758-761*
 Beet Carriage, Increased Rail Charges, 136
 Belfast, Fall in Traffic, 244
 Fares, 108
 Report 1960/61, 41
 88 New Buses Ordered, 373
 Bell, Alfred, Ltd., Licence Application, 141
 Bennett, A., and Sons, Ltd., Licence Application, 501
 Bennett, J. B., (Glasgow), Ltd., Licence Application, 779
 Beresford Transport, Ltd., Licence Application, 581, 630
 Beresford Motors, Ltd., Appeal, 659
 BICERA Manually operated Variable-compression Piston, 679*
 Birmingham Chamber of Commerce, Report on Terminal Delays, 723
 Birmingham and Midland Motor Omnibus Co., Ltd., Fleet Replacement Programme 1963-1965, 868
 Licence Application, 436, 659
 Plastics Construction, Article by P. A. C. Brockington, 182-185*
 S 16 Single-decker, 783*, 868*
 Biscuit Containers, 816

- Bluminau Road Facilities, Ltd., Licence Application, 463
 Blackburn Linking Facilities, 439
 Blackpool Licence Application, 76
 Boag, Thomas, and Co. (Haulage), Ltd., Appeal, 407
 Roden Trailers, Ltd., Mark 2 Landing Gear, 813*
 50-ft. Tandem-axle Semi-trailer, 279*
 Bodybuilding: Bus Design, 28-30*
 Bonallack and Sons, Ltd., Acquire Westmoreland Automobiles, Ltd., 776
 Collapsible, 341*
 Dual-purpose Malt Vehicle, 9*
 Pneumator, 623*
 Pneumator, Adaptation for Coal Discharge, 274*
 Books and Publications:—
 "Air Cooled Motor Engines" by Julius Mackerle, 567
 "Bartholomew's Reference Atlas of Greater London," 575
 "The Blue Book," 786
 "The British Commercial Vehicle Industry," 595
 "British Diesel Engine Catalogue," 663
 "The Golden Age of Tramways," by Charles Klapper, 240
 "The Motor Industry of Great Britain," 575
 Booth and Fisher, Licence Application, 368
 Boots Pure Drug Co., Ltd., Article by S. Buckley, 380-384*
 Borgward Goods Vehicle Plant, Acquired by Büssing, 438
 Sebaldsbrück Works, Rheinstahl-Hanomag Offer, 549
 Borg-Warner Model 35 Automatic Transmission, 277
 Bosrom-Kent, Ltd., Sprung Driving Seats, 830*
 Bowden, Kenneth, Articles by:—
 Maidstone and District Motor Services, Ltd., Golden Jubilee, 318-321*
 Vehicle Security, 86-89*
 Eowles, Roy, Transport, Ltd., Licence Application, 687
 Bradford, Bus Depot Reorganization, 786
 Fares, 212
 Future of Trolleybus Fleet, 304
 Brain, E. J., Licence Application, 782
 Brakes and Braking:—
 Brake Squeal, Paper by Dr. R. T. Sourr, 515
 Fluid Level Indicator, Sovy, 859*
 Gyreacia System, 323*, 324*
 Bristol Commercial Vehicles, Ltd., Experiments with Hydrostatic Transmission, 335
 -Crane Articulated Tipper, 745*
 Bristol Omnibus Co., Ltd., Services From Shopping Areas Banned, 11
 Bristol Siddley Engines, Ltd., Acquire Powertrac Co., Ltd., 783
 Bristow, C., Ltd., Appeal, 9
 British European Airways Prototype Double-decker, 719, 751*
 British Motor Corporation:—
 Bathgate Factory, 6
 Canadian Sales, 77
 Chairmanship Changes, 463
 F.G.-K100 Low-Loader, 498, 499, 598
 Results, 1960/61, 529
 -Rolls-Royce Collaboration Talks, 752
 Warranty Changes, 11
 11-litre 40-h.p. Diesel Engine, 498, 499*
 see also Austin and Morris
 British Occupational Hygiene Society Conference, 525
 British Overseas Airways Corporation 10-seater Bus, 629*
 British Oxygen Co., Ltd., Transport Organization, 531
 British Railways, Bulk Handling Experiments, 661*
 British Road Federation, Basic Road Statistics, 406
 British Road Services:—
 Bristol-Crane Articulated Tipper, 745*
 Charges Increase of 7½%, 657
 Continental Ferry Service, 142-146*
 Grangemouth Depot, 700, 701*
 Hull Depot, 104*
 Milnsbridge Depot, 104*
 Parcels Developments, 169, 343
 (Parcels), Ltd., Licence Application, 168; Preston Depot, 749; Scottish Division, 476-479*
 (Pickfords), Ltd., Carriage of 155-ton Rectifier Transformer, 133*; Licence Application, 694, 815
 Wares, 366, 398, 430
 British Transport Commission:—
 Appointments, 102
 Railway Sites, Ltd. Formed, 138
 Britain, R. B. ("Men Who Make Transport" Series), 66, 67*
 Britten-Norman, Ltd., CC-2 Cushioncraft, 799*
 Brockhouse, J., and Co., Ltd., Results, 1960/61, 629
 Brockington, P. A. C., Articles by:—
 Aberdare Transport Department, 152-155*
 J. Ainsworth and Co. (Bolton), Ltd., 214-216*
 Allied Suppliers (Transport), Ltd., 118-120*

B.M.M.O. Plastics Construction, 182-185*
 Bodywork at the Scottish Show, 534-544*
 Converted Chassis for Coal Haulage, 440-443*
 Leyland Four-stroke Diesel Engine, 638-641*
 Pork Farms, Ltd., 225*, 226*
 The Potentialities of the Petrol Engine, 385*, 386*
 Wolverhampton and District Co-operative Society, Ltd., 820-823*
 Brookes, Alvin, Licence Application, 108
 Brown, David, Machine Tool Division Move, 45
 Brown, J. T., Views on Vehicle Security, 88, 89
 Buchanan, C. D., Rees Jeffreys Lecture, 431
 Buchanan, A. F., Ltd., Delivery Vehicle, 846*
 Buckley, S., Articles by:—
 Boots Pure Drug Co., Ltd., 380-384*
 Claben, Ltd., 599-601*
 European Common Market, 142-146*
 W. Gash and Sons, Ltd., 633-637*
 John McIntosh and Son, Ltd., 484-487*
 "Planning for Profit" Series, see under Series Heading
 Staffordshire Farmers, Ltd., 672-676*
 Bulkrane System of Load Transfer, B.R. Experiments, 661*
 Bull, Anthony, Paper on Commuter Traffic in Conurbations, 726, 727
 Burlingham Gannet Coach, 399*
 Burnley, Daimler Bus Modified for Centenary, 138, 165*
 Burrows, A., M.P.T.A. Conference Paper, 218, 219
 Bussing Acquire Borgward Goods Vehicle Plant, 438
 Production Plans, 274
 Butt, A. R., ("Men Who Make Transport" Series), 332, 333*

C

C-licences, International Road Transport Union Recommendations, 662
 Vehicles at June, 1961, 72
 C. & A. Modes, Ltd., Carrimore Box-van Semi-trailer, 7*
 "Caledonian Princess," Introduction into Service, 722
 Camryde Variable-rate Suspension, 752, 792
 Canley Car Deliveries, Ltd., Car Transporter, 596*
 Car Transporters, Canley Car Deliveries, Ltd., 596*; Carveyor, 193*
 Carburettor Float, Holley N-trophyl, 798
 Cardiff, Fares, 170, 471
 Trolleybuses to be Scrapped, 592
 Carnell, G. S., and Gard, W., Licence Application, 814
 Carrimore Box-van Semi-trailer for C. & A. Modes, Ltd., 7*
 15-16-ton Semi-trailer, 867*
 Carroll, A. C., Death of, 6
 Carroll, F. V., and Son, Ltd., Licence Application, 370
 Carter Engineering Co., Ltd., Carveyor, 193*
 Castleton, L. A., ("Men Who Make Transport" Series), 428, 429*
 C.A.V., Ltd., DPA Fuel Pump, French Manufacture, 285
 Pneumatic Governor System for Turbocharged Engines, 224
 Tests on D.A.F.-Leyland O.350 Turbocharged Engines, 443
 Celotex, Ltd., Bid for Joseph H. Turner (Transport), Ltd., 236
 Central S.M.T., Ltd., Acquire Laurie Brothers, 7
 Licence Application, 530
 Channel Bridge Tunnel, 447
 Chanple, Major F., Death of, 102
 Charlesworth, Dr. G., Return to Road Research Laboratory, 811
 Christoffersen, Eric B., Licence Application, 213
 Cible Rectangular Headlamp Unit, 208*
 City of Oxford Motor Services, Ltd., Driver Recruitment, 41
 Claben, Ltd., Article by:—
 S. Buckley, 599-601*
 Clare, John, Article by:—
 "You Name It, They'll Build It, 28-30*
 Clark, George, and Sons (Hull), Ltd., Alloy Containers for Road-rail Work, 275
 Clark, J. M., Licence Application, 723
 Clarke, A., (Caravans), Ltd., Licence Application, 11
 Cleare, H. H., Licence Application, 437
 Clerk, Robert, Gyreacta System, 323*, 324*
 Clifford, F. W., Ltd., Dodge Pantechicon, 171*
 Coal Haulage, Converted Chassis for Article by P. A. C. Brockington, 440-443*
 Cockle, J., Licence Application, 335
 Cohen Group Report 1960/61, 211
 Commer Express Delivery Van, Mark VIII B, 165
 Orders, 141, 781
 Scottish Motor Show Exhibits, 506
 Walk-Thru Range, 348-351*
 11-ton Diesel-engined Forward-control Van (Road Test), 706-709*
 2-ton Petrol-engined Forward-control Van (Road Test), 568-571*
 1-ton Van, Kenex Conversions, 204
 1-ton Forward-control Range Series II, 338*
 5-ton Forward-control (Diesel-engined) (Road Test), 56-59*
 7-ton Chassis with Kronenburg Crash Tender Body, 306*
 7-ton Forward-control Range, Perkins 6.354 Diesel Engine Available, 338

The Commercial Motor, Index to Volume 113, 655
 Special Issues: Aluminium and Plastics Bodies, Sept. 8; Scottish Show, Nov. 10, 17
 Conlon Bros., Licence Application, 530
 Conner, Alfred and Co., Ltd., Thames Trader Pantechicon, 625*
 Containers, Collapsible, Rubberized-nylon, 847
 Universal, U.K. Marketing Arrangements, 307
 Cook, Siddle C., Ltd., Court Case, 139
 Coras Iompair Eireann, Fares and Freight Rates Increase, 783
 Leyland Titan O P D 2, 814*
 Results, 1960/61, 109
 Corby, C. E., Appeal, 693
 County Commercial Car (Sales), Ltd., Orders, 302
 Court Cases:—
 Arnold Transport (Rochester), Ltd., Court of Appeal Findings, 5
 Articulated Vehicles, Driving Licence Ruling, 463
 Austin Omnicoach "Test Case," 593, 643
 Bankruptcy, 236, 274, 337, 515
 B.R.S. (Parcels), Liability for Loss, 655
 Bus Emitting Oil on to the Road, 205
 C-licence Scope, High Court Decision, 190
 Carrying Coal on Unlicensed Vehicles, 273
 Damage to Journey-Recording Clock, 689
 Damages for Breach of Contract, Court of Appeal Decision, 593
 Defective Vehicle, 77
 Drivers' Hours and Records, 36, 100, 269, 305, 367, 369, 581, 591, 593, 630, 686, 691, 717, 719
 Exhaust Smoke, 76
 Giving of Lifts, 720
 Harris Lebas, Ltd., Court of Appeal Findings, 4
 Haulier to be Convicted, Queens Bench Decision, 844
 Licence Offences, 8, 133, 139, 305, 340, 356, 369, 529
 Livestock Articulated Vehicle Over 35-ft. in Length, 276
 Lorry Hire Claim, 525
 Merchandise Transport, Ltd., Court of Appeal Findings, 4
 Non-compliance with Regulations for Carrying Heavy Loads, 108
 Overloaded Vehicle, Appeal Dismissed, 809
 Parking: "Unnecessary Obstruction" Conviction Appeal Allowed, 716
 Public Service Vehicles as Express Carriages, 527
 Public Service Vehicle with Inefficient Brakes, 45
 Receiving Stolen Tyres, 103, 276
 Repossession and H.P. Charges, Queen's Bench Ruling, 565
 Road Services (Caledonian), Ltd., Fine Reduced on Appeal, 750
 Roof Racks, 781, 808, 824
 Steel Pipes Carried as "Products," 528
 Theft of Slag, 814
 Tyre Theft on H.P. Tippers Allowed, 777
 Uninsured and Unlicensed Vehicles, 471
 Vehicles in Dangerous Condition, 37, 138
 Courtney, T. E., Death of, 70
 Cousins Transport (Sible Heddingham), Ltd., Article by Norman H. Tisdley, 851-854*
 Cox, Keith, Licence Application, 244
 Crane, G. A. W., ("Men Who Make Transport" Series), 98, 99*
 Crane Freuhauf Trailer Co., Ltd., Production Programme, 306
 Cranes, Foca, 529*
 Tunnys 3-ton Mobile, 309*, 310
 Cranes (Derham), Ltd., 19-ton Two-axles-in-line Suspension Bogies, 663*
 40-ton Cranked-frame Semi-trailer, 237*
 75-ton Trailer for West Pakistan, 598*
 160-ton Trailer for Pickfords, 750*
 -Bristol Articulated Tipper, 745*
 Croker, M., and Sons, Ltd., 39
 Cromard Thin-wall Liners, 420*
 Crosfield, Joseph and Sons, Ltd., Articulated Vehicle for Hot Liquids or Packed Solids, 626*
 Crossbow, Article "Set The Haulier Free," 784, 785
 C.R.S. Transport, Ltd., Licence Application, 211
 Cummins Engine Co., Inc., New Lightweight Diesel Engines, 750
 Cunningham, James, Death of, 206
 Customs and Excise, Annual Report of Commissioner, 717
 Cutting Machine, B.O.C. Pug Portable, 281*
 Cylinder Liners, Laystall Cromard Thin-Wall, 420*
 Czechoslovakia, Production, 1960, 138

D

DAF Nigerian Assembly Plant 437
 746 c.c. Twin-cylinder o.h.v. Petrol Engine, 292*
 -Leyland O.350 Turbocharged Engine, C.A.V. Tests, 443
 Daimler Orders, R. 40, 210
 Scottish Motor Show Exhibits, 507*
 11-tonner (1898), 288*

*Illustrations

Daimler-Benz Acquire Rights of NSU-Wansea Rotary Engine, 437
 Design Thinking, 818
 Spanish Licence, 9
 Dairy Show Exhibits, 426*
 Danskin, M. B., Acquires Muir's Transport, 468
 Darlington Bus Station, 165
 Dartford-Purfleet Tunnel, 38
 Davies, F. W., ("Men Who Make Transport" Series), 520, 521*
 Dawes, Stanley S., Death of, 687
 Decimal Coinage System, Proposed Introduction in the U.K., 565
 Dennis Delta Tanker, 366, 402*
 Loline Production Discontinued, 626
 Pax IV 7-tonner, 655*
 Scottish Motor Show Exhibits, 507
 Derby, Sale of Buses to Private Company Suggested, 42
 Derv Records No Longer Necessary, 717
 Deutz Air-cooled Diesel Engines, 159*
 Dex, B., Licence Application, 108
 Dick, A. S., Resignation from Standard-Triumph, 100
 Dimensions, Vehicle:—
 Length, N.R.T.F. Proposals, 689
 Rear Overhang Increase, 132
 Dobson, Wm., (Edinburgh), Ltd., Licence Application, 43
 Dock Delays, Rochdale Committee, 503; A.B.C.C. Report, 602; R.H.A. Recommendations, 337
 Strikes and Restrictive Practices, 401
 Dodds, Tom, Appeal, 631
 Dodge Models for 1962, 307
 Scottish Motor Show Exhibits, 507
 9-ton Range, A.E.C., AV410 Six-cylinder Engine for, 169*
 Double Ess Transport, Ltd., Licence Suspension Inquiry, 343
 Dowty Hydraulic Units, Ltd.—Hydraulic Units Specialities Co. Agreement, 240
 Drain, A. E., ("Personality of the Week" Series), 620, 621*
 Drivers' Hours and Records, Simplification Talks, 622
 Prosecutions, see Court Cases
 Dublin Ban on Container Traffic to End, 335
 Duckett, A. R., Licence Application, 306; B.T.C. Withdraws Appeal, 593
 Duddy, Norman, 122
 Dumpers, Legal Definition, 803
 Dunbar, C. S., Articles by:—
 R. and W. Febray and Son, 412-414*
 Greenwoods (St. Ives) Group, 24-27*
 Dupre Bella Vista Coach Body, 72*
 Continental Coach, 399*
 Exhibition, 399
 Orders, 628, 749
 -Bedford IX20, 754-756*
 Dyson Aerovan Boxvan Semi-trailers, 371
 Mark II Semi-trailer, 207*

E

Eades, G. L., Paper to Industrial Transport Association, 694
 East Anglian Carriers, Ltd., Appeal, 559, 693
 East Lancashire Carriers, Ltd., Licence Application, 240
 East Midland Motor Services, Ltd., Annual Meeting, 750
 Appeal, 719
 East Yorkshire Motor Services, Ltd., Annual General Meeting, 749
 Fares, 658, 690
 Eastern National Omnibus Co., Ltd., Fares, 41
 Eaves, C. H., Licence Application, 205
 Edinburgh, Bus Lane Plan Rejected, 659
 Industrial Tours, Article by Ashley Taylor, 668-679*
 Editorials:—
 Aluminium Bodybuilding, 805
 Aluminium and Plastics, 161
 C-licence Traffic and the Railways, 519
 Christmas Bus Services, 713
 Congestion, 297
 Design Defects, 395
 Dock Working, 97
 Engines, All-glued, 773
 European Common Market, 1, 129
 Exhaust Smoke, 713
 Haulage: Continental Licensing Applications, 773
 Headlamp Design, 553
 Licensing: A Time for Change? 427
 Licensing Legislation, 683
 Local Traffic Powers Proposed, 651
 "Lorry Driver of the Year" Competition, 291, 837
 Lubrication, 33
 Materials Handling, 233
 Merchandise Transport and Arnold Transport, Court of Appeal Finding, 1
 Municipal Bus Policy, 585
 "No-servicing" Features, 233
 Petrol Engines, Potentialities of, 363
 Plating, 741
 Rates Increase, Need For Unity, 585

Research Activities, 265
 R.H.A. Conference, 331
 Rural Bus Services, 553
 Scottish Motor Show, 459
 Speed Limits, Goods Vehicles 40 m.p.h. Hinted, 619
 Testing, Compulsory, 651
 Thefts, 65
 Edwards, Miles ("Men Who Make Transport" Series), 34, 35*
 Eire Road Transport Association, Call for Revision of Road Transport System, 594
 Electric Vehicles, Regulations on Learner-drivers, 239
 Elkstone Quarries, Ltd., Licence Application, 71
 Engineering Materials and Design Exhibition, 532*
 Engines:
 All-ghed (Editorial), 773
 Oil Heater, Pererine, 575*
 Potentialities of the Petrol Engine, by P. A. C. Brockington, 385*, 386*
 Equipment Leasing Co., Ltd., Formed, 140
 E.R.F. Model 64P Four-wheeler, 433*, 468*
 Model 64SP, 654*
 Scottish Motor Show Exhibits, 508
 Eurofreight, Ltd., 344-347*
 European Common Market:
 British Manufacturers' Views, Article by John F. Moon, 112-117
 British Port Facilities, Article by Norman H. Tisdley, 78-81*
 B.R.S. Continental Ferry Service, Article by S. Buckley, 142-146*
 Correspondence, 121
 Cross-Channel Ferry Services, Article by C. M. Hendy, 46-49*
 Editorials, 1, 129
 Effect of Membership on British Transport, Article by G. K. Newman, 16, 17
 Moves on Publication of Rates, 300
 Problems Facing C-Licencees, 848
 Production Figures, 305
 Taxes, 565
 Transport Legislation, 629
 Transport Policy, 36, 303, 843
 Transport Prospects by *The Economist Intelligence Unit*, 38, 19
 £3,000-per-ton Insurance Cover, 557
 Evans, W. J., M.P.T.A. Conference Paper, 219
 Exhaust Fumes:
 Excess Fuel Device Regulations Effective January 1, 725
 Nottingham Tests, 777
 Parliamentary Questions, 560
 Private Member's Bill, 589, 682
 U.S. Vehicle to be Fitted with Anti-air-pollution Devices, 661
 Expansion Trends in Haulage, *Weekly* Exports, 138, 374, 523, 527, 647, 752
 Express Dairy Company Driver of the Year, 277*

F

Factory Equipment Exhibition, 532*
 Fares:
 Aberdeen, 719
 Associated Motorways, 471
 Belfast, 108
 Bradford, 212
 Cardiff, 170, 471
 East Yorkshire Motor Services, 658, 690
 Eastern National Omnibus Co., Ltd., 41
 Hampshire, F. W., and Co., Ltd., 515
 Huddersfield, 137
 Hull, 786
 James, J., and Sons, Ltd., 781, 815
 Ledgard, Samuel, Ltd., 137
 Leeds, 167
 Newport, 68
 Nottingham, 40
 Rhondda Transport Co., Ltd., 781, 815
 Simpson's Motors, 691
 Southdown Motor Services, Ltd., 206
 South Wales Transport Co., Ltd., 781, 815
 West Bromwich, 137
 Western Welsh Omnibus Co., Ltd., 71, 106, 781, 815
 Farmer, A. F., and Sons, Licence Application, 343
 Febry, R. and W., and Son, Article by Charles S. Dunbar, 412-414*
 Ferguson, Archibald, Appeal, 407
 Ferodo Australian Link-up, 241
 Fife County Council, New Transport Depot, 240
 Finance Houses Association, Policy on Advances to Haulage Businesses, 408, 409
 Fire-Pac Tender, Wilson and Cousins, Co., Ltd., 816*
 Fish, J., and Sons, Ltd., Licence Application, 591
 Fish Transport: Claben, Ltd., Article by S. Buckley, 599-601*
 Flack, Robert, Death of, 270
 Fleming, John, Licence Application, 208
 Fletcher, A. and C. Ltd., Converted Chassis for Coal Haulage, Article by P. A. C. Brockington, 440-443*
 Flower Freight Co., Ltd., Court Case, 781, 808, 824
 Flynn Bros. (Contractors), Ltd., Licence Application, 169
 Foco Crane, 529*

Fodens, Ltd., Report 1960/61, 6
 Scottish Motor Show Exhibits, 508
 FG/6 with Bulk Sugar Carrier Body, 777*
 6/50 Heavy Haulage Unit for Malayan Hydro-electric Scheme, 77*
 Folland Aircraft, Ltd., Hoverised, 436*
 Ford Appointments, 270
 Thames Scottish Motor Show Exhibits, 511
 Thames 5/7 cwt., Kenex Pick-up, 5*
 Thames Trader Chassis for Tankers, 660*; Five-speed Gearbox, 301; Improvements, 594; 5-tonner Caravan-carrying Vehicle, 11*
 Ford (Canada) Production, 854
 Ford (Germany) Production, 845
 Ford (U.S.) Econoline, 469*
 Sales, 106
 Ford, G. H., and Sons, Licence Application, 103
 Fork-lift Truck and Transporter, 93*
 Forth Bridge Toll Collection, 782
 France, Production, 137, 437
 Rates for Coal and Scrap, 748
 Frankfurt Show, 288-292*
 Freeburn, J. M., Licence Application, 748
 Fuel Cells, Development Report, 711
 Tax, 36, 303

G

Gard, W., and Carnell, G. S.; Licence Application, 814
 Gardner Engines (Sales), Ltd., New Name for Norris, Henry and Gardners, Ltd., 752
 Garringtons, Ltd., 696-699*
 Gas Turbines, Small, Lecture by Dr. J. H. Weaving, 816
 Gash, W., and Sons, Ltd., Article by S. Buckley, 633-637*
 General Motors 7.85-litre V-6 Petrol Engine, 854
 Germany, East, Production, 439
 Germany, West: CMR Agreement, 744
 Road Goods Vehicle Fleet, 439
 Road Transport Traffic, 563
 Gibb, T. G., Paper to Institute of Transport, 667
 Gilbraith, Henry, Ltd., Licence Application, 207
 Gilbraith Organization, Article by Ashley Taylor, 762-765*
 Gilbraith Tankers, Ltd., Licence Application, 136
 Gill, B. W., Licence Application, 9
 Gillards of Normanton, Appeal, 825
 Ginniff, T., Death of, 718
 Glasgow, Atlantean Purchase Authority Sought, 752
 Bus Bodies Purchase Approved, 269
 Results 1960/61, 109, 528
 Traffic Proposals, 37
 Glockel, Walter, Death of, 624
 Goodport Haulage, Ltd., Licence Application, 631
 Gordon, C., Licence Application, 370
 Gosport and Fareham Omnibus Co., Ltd., Deutz Air-cooled Diesel Engines, 159*
 Gottlob Awwärter Neoplan Buses, 291*, 292
 Gower and Son, Licence Application, 846
 G.P.O., Experiments with Unpainted Aluminium Bodies, 657*
 Parcels Service Cessation, Carriage of Parcels by People's League, 808
 Graham, Alexander, Licence Application, 211
 Granary Haulage, Ltd., Licence Application, 357
 Greenwood (St. Ives) Group, Article by Charles S. Dunbar, 24-27*
 Acquire Home Counties Plant Hire, Ltd., Fleet, 337
 Greyhound Bus Lines, Incorporated, 282*, 283*
 Bus Orders, 812
 Grimby and Cleethorpes Joint Transport Undertaking, Results, 77, 438
 Grosvenor Transport Co., Appeal, 631
 Gurwicz, David, Article on Semi-conductor Devices, 248, 249
 Guy Motors, Ltd., Acquired by Jaguar Cars, Ltd., 335
 Arab Mk. IV Double-decker, 37*
 Compulsory Winding-up, 528
 Future of, 470
 Invincible Six-wheel Mobile Crane, 76*
 Official Receiver Appointed, 236
 Orders, 302
 Scottish Motor Show Exhibits, 508*
 Victory Coach, 690*
 Warrior, Light Six-wheeler Double-drive Version, 657*; B.T.C. 20/24-ton Articulated Outfit, Road Test, 794-797*
 Guy Motors (Europe), Ltd., Formed, 370
 Order, 591
 Gyroacta System, 323*, 324*

H

Haddleton, S. V., Death of, 524
 Hadfield, J. H., and Sons, Ltd., Licence Application, 42
 Hall, E., and Sons, Licence Application, 783
 Hallam, Winifred M., 212
 Hallpike, A. W. ("Personality of the Week" Series), 652, 653*
 Hampshire, F. W., and Co., Ltd., Fares, 515
 Hanomag Production, 467
 Happisway Tours (Manchester), Ltd., Licence Application, 817

Harbour, B. H., Paper to Institute of Transport, 721
 Harding, Geoffrey, Hover-launch Model, 751
 Hardy Spicer, Ltd., Production of Birfield Joints, 210
 Harman, A. L. S., Ltd., Appeal, 342
 Harraway, V. G. E., Licence Application, 73
 Harriman, G. W., Appointed Chairman, B.M.C., 463*
 Harris Lebus, Ltd., Court of Appeal Findings, 4
 Harrison, A. J., Report on Terminal Delays, 723
 Harrison Brothers (Transport), Ltd., Licence Application, 107
 Harrison, Wilfred, (Transport), Ltd., Appeal, 342
 Hartman, Col. R. T., Death of, 464
 Havard, Alan, Article on Outstanding Events of 1961, 728-731*
 Headboards, Reinforced Plastics, 446*
 Headlamps, see Lighting
 Hears Toura, Ltd., Licence Application, 691
 Heater, Clayton Dewandre Co. QH17, 757*
 Hendy, Charles M., Article on Cross-Channel Ferry Services, 46-49*
 Henman, P. S., Henry Spurrer Memorial Lecture, 666, 667, 724
 Henschel HS 16 Four-wheeler, 289*
 Normal-control 4 x 4, 289*
 44% of Capital Acquired by American Consortium, 367
 Highland Transport Inquiry, 756
 Hire Purchase, Private Member's Bill "Talked Out," 682
 Transactions and the Law, 172
 Historical Commercial Vehicle Club Rally, 211*
 H.M.W. Transport, Licence Application, 69
 Holmes Homalloy, Ltd., Acquired by John Brown and Co., Ltd., 334, 522
 Homalloy, Ltd., Plastics Tipper Body, 812*
 1,000-cu.-ft. Insulated Van, 39*
 Homalloy (Yorkshire), Ltd., Formed, 752
 Home Counties Plant Hire, Ltd., Fleet Acquired by Greenwoods (St. Ives), Ltd., 337
 Honours List, New Year, 747
 Hope, F. J., (Transport), Ltd., Licence Application, 502
 Hornsey, H. J., Licence Application, 847
 Hotchkiss Truck, 285*
 Hovercraft-type Vehicle:
 Britten-Norman CC-2 Cushioncraft, 799*
 Research Programme, 661
 Westland SRN2, 630*
 H.P. Sauce, Ltd., Use of Standard Pallets, 694
 Huddersfield, Fares, 137
 Hugon and Co., Ltd., Thames Trader 5-tonner for Suet Transport, 164*
 Hull, Fares, 786
 New Central Transport Offices, 107
 Hull, J. L., Licence Application, 563
 Hungary, Production and Exports, 172, 305
 Hunter and Nelson, Licence Application, 436
 Hutton, R. C. E., Ltd., New Premises, 303
 Huyton, H. L., Ltd., Licence Application, 631, 841

I

Ice Warning: Icelert Electronic Equipment, 547*
 Ice-cream Factory, Mobile, Appleyard, 479*
 Indicator System, Lucas Variable-intensity Flashing, 308
 Industrial Packers (P.I.P.), Ltd., Licence Application, 435
 Industrial Transport Association, Discussion on Continental Haulage, 405
 Institute of Road Transport Engineers, Annual General Meeting, 369
 Annual Report, 302
 Institute of Transport, Annual Report, 721
 Conference, 280
 Presidential Address, 359
 Institution of Municipal Engineers, Convention "Planning for Traffic," 315, 316
 Insurance: European Common Market, £3,000-per-ton Cover, 557
 National Road Transport Federation Special Agreement, 716
 Inter-Marex Delivery Service, Licence Application, 559
 Interconsult, Ltd., Twin-container Cement-vehicle, 392*
 International Harvester HT-340 Research Tractor, 272*
 International Road Transport Union, Recommendations on C Licences, 662
 Interpuc Conference, 245
 Iranian Dam Project, Trailmobile 85-ft. Trailer for, 324*
 Issigonis, Alec, Appointed Technical Director, B.M.C., 524
 Italy, Production, 305, 449
 Vehicles Imported into Britain, Lighting Concessions, 812
 I.T.D., Ltd., Name Changed to Stacatrac, Ltd., 748

J

Jack Committee, see Rural Bus Services
 Jackson, Frank C., Ltd., Thames Trader Fleet, 42
 Jackson, G. H., Death of, 38

Jackson, Ronald R., Appointed South Wales Licensing Authority, 398
 Jaguar Cars, Ltd., Acquire Guy Motors, Ltd., 335
 James, J., and Sons, Ltd., Fares, 781, 815
 Japan, Production, 438, 531
 Jarvie, J. R. T., Gibson ("Personality of the Week" Series), 774, 775
 Jarvis, W., and Son, Licence Application, 523
 Jennings Horsebox on 5-ton Bedford TK Chassis, 51*
 Jennings Transport, Ltd., Licence Application, 468
 Johnson, A. T. V., "Melguard" Anti-theft Device, 44
 Johnston, Andrew, (Transport), Ltd., Licence Application, 242
 Johnston Bros. (Gilex), Ltd., Licence Application, 107
 Jones, G., Licence Application, 337
 Jones Transport Services (Liverpool), Ltd., Licence Application, 434, 662, 692

K

Kaelble K 652 LF Forward-control Model, 290*
 Karrier Orders, 141
 Scottish Motor Show Exhibits, 508
 Keens, W., Ltd., Licence Application, 36
 Kendrick Transport, Ltd., Article by A. A. Townsin, 890-893*
 Kenex Coachwork, Ltd., Commer 3-ton Van Conversions, 204
 Thames 5/7-cwt. Pick-up, 5*
 Versions of Austin 10/12-cwt. and Morris J4 Vans, 342*
 Kenzie, John M., Licence Application, 239
 Kingsbury Concrete Co., Ltd., Contract Hauliers Refuse to Work, 100, 133

L

Lamborn, S. J., ("Men Who Make Transport" Series), 266, 267*
 Lamps, see Lighting
 Lancashire County Council, Ambulance Service, 305
 Land-Rover Scottish Motor Show Exhibits, 509
 Series II 3-ton 4 x 4 (Road Test), 220-224*
 Specialized Adaptations, 273, 317*
 LARC Cargo Amphibian, 436*
 Larkin Forage, Ltd., Camryde Variable-rate Suspension, 752, 792
 Lawrence, H. M., Death of, 779
 Laycock Engineering, Ltd., Wembley Depot, 103
 Laystall Cromard Thin-wall Cylinder Liners, 420*
 Leaper, Alfred, Anon., 407
 Ledgard, Samuel, Ltd., Fares, 137
 Leeds, Fares, 167
 Television Bus Operation, 812
 Leicester, Report, 1960/61, 167
 Lemmer, J. R., ("Personality of the Week" Series), 714, 715*
 Length, Vehicle, see Dimensions, Vehicle
 Lennard, H. T., Death of, 401
 Letters to the Editor:—
 Bus Design, 173
 Bus Drivers' Wages and Hours, 15
 C-licensed Vehicles, 453
 Continental Groupage Service, 453
 Cut Rate, 314, 389
 Double-bogie Trailers, 314
 Drivers' Hours, 863
 European Common Market, 121
 Exhaust Smoke, 863
 Fuel Tax Increase, 85, 173, 260
 Higher Lights for Safety? 647
 Importance of Payload, 314
 P.S.V.s: Increased Dimensions and Inadequate Roads, 85
 Rates Increases, 647
 Road Deaths, 769
 Safety Barriers for Lorries, 260
 Sales Attitudes 40 Years Ago, 711
 Take-overs, 739
 Timing 180° Out, 711, 769
 Traffic Congestion, 453
 Trolleybuses, 739
 Tyre Prices, 453
 Use of Coast-wise Shipping, 173
 Levy, J. W., and Son, Ltd., Safe Transporter, 12
 Lewis, C. A., Death of, 842
 Lewis (Greenwich), Ltd., New Fleet, 846
 Leyland Annual Statement, 841
 Atlantean, 1,000th Produced, 370
 Beaver-Scammell 24-ton-gross Articulated Outfit (Road Test), 250-253*
 Belgrade Fair Exhibits, 105*
 Board Reorganization, 747
 Comet, New 7/8-ton Range, 68
 Four-stroke Diesel Engine, Article by P. A. C. Brockington, 638-641*
 Hino Power-Plus Tipper Model 20H.17R, 626
 Leopard PSU3.1R 36-ft. Model, 304
 Orders, 40, 74, 109, 139, 141, 168, 210, 240, 272, 302, 340, 372, 403, 437, 470, 524, 558, 597, 628, 660, 692, 749, 781, 844
 Power Plus O.370, 10*
 Production and Exports, 206
 Results, 809
 Scottish Motor Show Exhibits, 509
 Titan OPD2, 814*
 Use of Burscough Airfield, 626

Licence Applications (Bus and Coach):—

East Midland T.C.:—
 Cox, Keith, 244
 MacDonald, J., 373
 Metropolitan T.C.:—
 Wright, E. G., 720, 846
 North Western T.C.:—
 Blackburn Linking Facilities, 439
 Blackpool, 76
 Dex, B., 108
 Morecambe Linking Agreement, 560
 North Western Road Car Co., Ltd., 592
 Oldham Express Services, 468
 Northern T.C.:—
 Orlburn District Coaches, 561
 Ribbles Motor Services, Ltd., 401
 Scottish T.C.:—
 Alexander, W., and Sons, Ltd., 436, 719
 Central S.M.T., Ltd., 530
 Freeburn, J. M., 748
 Hunter and Nelson, 436
 South Eastern T.C.:—
 Windsorian Touring Co., Ltd., 693
 West Mid and T.C.:—
 B.M.M.O., 436, 659
 Western T.C.:—
 Carnell, G. S., and Gard, W., 814
 Thomas, W. J., 659
 Yorkshire T.C.:—
 Brookes, Alvin, 108
 Happiway Tours (Manchester), Ltd., 817
 Heaps Tours, Ltd., 691
 Mohammed Zahoor Miran, 780
 Morgan, Samuel, Ltd., 73
 North Western Road Car Co., Ltd., 531
 Store, R., Ltd., 73
 Wallace Arnold Tours, Ltd., 752
 Licence Applications (Haulage):—
 Eastern L.A.:—
 Jarvis, W., and Son, 523
 Metropolitan L.A.:—
 Aberly, Mrs. J., 374
 Bates, T. W., (Aggregates), Ltd., 748
 Bell, Alfred, Ltd., 141
 Bennett, A., and Sons, Ltd., 561
 Bowles, Roy, Transport, Ltd., 687
 Carroll, F. V., and Son, Ltd., 370
 Cleare, R. H., 437
 Cockie, J., 335
 Eaves, C. H., 205
 Gower and Son, 846
 H.M.W. Transport, 69
 Hope, F. J., (Transport), Ltd., 592
 Hornsey, H. J., 847
 Industrial Packers (P.I.P.), Ltd., 435
 Inter Markets Delivery Service, 559
 Keens, W., Ltd., 36
 Monk's International Transport, Ltd., 745
 Morris, G., Haulage (Chingford), Ltd., 811
 O'Connell, E. S., and Sons, 437
 St. John's Garage (Kernan), Ltd., 37
 Shepherd's Transport (Enfield), Ltd., 398, 561
 Spinks Transport Services, Ltd., 103
 Wright, P. E. G., 374
 North Western L.A.:—
 Clarke, A., (Caravans), Ltd., 11
 Conlon Bros., 530
 East Lancashire Carriers, Ltd., 240
 Flynn Bros. (Contractors), Ltd., 169
 Gilbraith, Henry, Ltd., 207
 Gilbraith Tankers, Ltd., 136
 Hadfield, J. H., and Sons, Ltd., 42
 Harrison Bros. (Transport), Ltd., 107
 Huxton, H. I., Ltd., 631, 841
 Jones, G., 337
 Jones Transport Services (Liverpool), Ltd., 434, 662, 692
 Meator, E. A., 208
 Midway Haulage, Ltd., 205
 Queensgate Motors (1954), Ltd., 10
 Ramsden's Haulage (Contractors), Ltd., 107
 Riding, W. and J., Ltd., 10
 Swindells, T., and Sons (Hauliers), Ltd., 243
 Whittaker, H., 139
 Northern L.A.:—
 B.R.S. (Pickfords), Ltd., 694, 815
 Hall, E., and Sons, 783
 Johnston Bros. (Gilex), Ltd., 107
 Mainforth Marine Service, 71
 Road Materials (Middlesbrough), Ltd., 625
 Waring, V. G., and Sons, 108
 Whinney, R., Ltd., 357
 Scottish L.A.:—
 Alexander, John, and Sons, Ltd., 465
 Baxter, William, and Son, 625
 Bennett, J. B. (Glasgow), Ltd., 779
 Christofferson, Eric B., 213
 Clark, J. M., 723
 C.R.S. Transport, Ltd., 211
 Dobson, Wm. (Edinburgh), Ltd., 43
 Fleming, John, 208
 Graham, Alexander, 211
 Johnston, Andrew, (Transport), Ltd., 242
 Kenzie, John M., 239
 McKelvie, James, and Co. (B.M. and P.), Ltd., 341, 593
 Moran, P., and Sons, Ltd., 865
 Morrison, Alfred T., 564
 Pitt, John, (Transport), Ltd., 405
 Russell, John, (Grangemouth), Ltd., 530, 630, 841
 Security Services (Scotland), Ltd., 275

*Illustrations

Smith, J. and A., of Madston, Ltd., 658
 Smith's Belshill Haulage, 244
 Swan, Wm., (Contractors), Ltd., 44
 Tyre, James, 245
 Watson, A. and W., 213
 Whiteford, R., 237
 Wood, William, 243
 South Eastern, L.A.:—
 Arnold Transport (Rochester), Ltd., 301
 Baker, F. A., Transport (Rye), Ltd., 817
 Goodport Haulage, Ltd., 631
 West Midlands L.A.:—
 Beresford Transport, Ltd., 581, 630
 B.R.S. (Parcel), Ltd., 168
 Gordon, C., 370
 Granary Haulage, Ltd., 357
 Llewellyn, R. L., 272
 Owen, E. T. M., 595
 Western L.A.:—
 Alder, A. J. W., 101
 Brummoor Road Facilities, Ltd., 463
 Brain, E. J., 782
 Duckett, A. R., 306
 Elkstone Quarries, Ltd., 71
 Fish, J., and Sons, Ltd., 591
 Ford, G. H., and Sons, 103
 Gill, B. W., 9
 Haraway, V. G. E., 73
 Hull, J. L., 563
 Jennings Transport, Ltd., 468
 Nobes, E., 368
 Plant Hire Co. (Stroud), Ltd., 530
 Smith, A. H., 69
 Smith, J., (Bicknor), Ltd., 101, 515
 Smith, F. W., 104
 Thomas, W. J., 106
 Thornbury Transport, Ltd., 526, 615
 Yorkshire L.A.:—
 Booth and Fisher, 368
 Farmer, A. F., and Sons, 343
 Rogerson, R. B., 76
 Roper, C. I., and Son, Ltd., 71
 Tait, J. H., Transport (York), Ltd., 239
 Welburn, J. H., Ltd., 106
 Woodcocks Transport (Rotherham), Ltd., 403
 Licence Suspension Inquiries:—
 Double Ess Transport, Ltd., 343
 Warcham Transport, 306
 Licensing:—
 Annual Reports of the Traffic Commissioners, 1960/61, 327
 Crossbow Article "Set the Hauler Free," 784, 785
 Licensing Casebook, 50, 194, 357, 545, 642, 824
 Significant Licensing Cases, 50, 194, 357, 545, 642, 824
 A Time for Change? (Editorial), 427
 Lift, Spencer All-Angle Car, 645*
 Lighting:—
 Cible Rectangular Headlamp Unit, 208*
 Headlamp Systems, Article by John F. Moon, 576-579*
 New Regulations, 341
 Rear Lights, U.S. "Dual Intensity" System, 37
 Limited Stop Pool, Appeal, 135
 Llewellyn, R. L., Licence Application, 272
 Loads, see Weights, Gross Vehicle
 Loads, Abnormal, 90 ft. Restriction, 592
 Wide Load of Radar Equipment, 564*
 Lodge Plugs, Ltd., Offer by S. Smith and Sons (England), Ltd., 721
 London, Clearway, 68
 Lighting of Traffic Routes, Report of Consultative Committee, 343
 Local Government Re-organization Proposals, 632
 Traffic Changes, 529
 Traffic Survey, 843
 London and Home Counties Traffic Advisory Committee New Chairman, 462
 London Transport Executive:—
 Air-Water Lance for Bus Interior Cleaning, 269*
 Annual Report, 1960, 206
 Appointments, 746
 Bus Destination Blinds, 103*
 Routemaster, 1,000th, 369; Steering Column Assembly Change, 627
 Rush-hour Census Figures, 117
 Wages, 132, 236, 268, 335, 373, 522, 557, 588, 628, 663, 686, 717, 815
 Lord, Sir Leonard, Baroncy, 747
 Retirement, 463*
 "Lorry Driver of the Year" Competition, 1961, Leeds Round, 14*; Birmingham Final, 209, 241, 246*, 247*
 1962, 623, 815, 837
 Lubrication, Lubay Equipment, 227*
 Lucas, Joseph, Ltd., Variable-intensity Flashing Indicator System, 308
 Anti-theft Master Switch, 355*
 Lytham Bros., Appeal, 433, 693

M

McBryde, K. J., Paper to Industrial Transport Association, 602
 MacDonald, J., Licence Application, 373

McIntosh, G. ("Personality of the Week" Series), 586, 587*

McIntosh, John, and Son, Ltd., Article by Sir Buckley, 484-487*

McKelvie, James, and Co. (B.M. and P.), Ltd., Licence Application, 341, 593

Maconochie, H. R. D., Ltd., 122

McVeigh Transport, Ltd., Grimsby Depot, 403*

Magirus Production, 136

Maidstone and District Motor Services, Ltd., Golden Jubilee, 316-321*

Mainforth Marine Service, Licence Application, 71

Malcolm, W. H., Ltd., Appeal, 407

Malt Vehicle, Bonalack Dual-purpose, 9*

M.A.N. Production Plans, 109

Manchester, Cleansing Department Competition, 245

Trolleybus Replacement, 658

Mann Egerton and Co., Ltd., Exhibition, 597

Marenbon, A. ("Personality of the Week" Series), 684, 685*

Margueron Haulage, Ltd., Appeal, 433

Markland, Stanley ("Men Who Make Transport" Series), 460, 461*

Appointed Managing Director, S.T.J., Ltd., 100

Marrel System of Load Transfer, B.R. Experiments, 661*

Marsden (Coachbuilders), Ltd., Pantechnicon, 36*

Marshall Motor Bodies, Ltd., A.E.C. Reliance Single-deck Service Bus, 627*

Electric Power Line Test Vehicle, 455*

Massey-Ferguson (U.K.), Ltd., Mobile Classroom, 689*

Materials Handling Equipment, Joint Study Group Report, 237

Maynor Transport, Ltd., Appeal, 817, 840

Mearor, E. A., Licence Application, 208

Meat Haulage Rate Increase, 654

"Men Who Make Transport" Series:—

Allen, W. G., 396, 397

Barnett, L. J., 130, 131*

Beckett, R. A., 2, 3*

Brittain, R. B., 66, 67*

Butt, A. R., 332, 333*

Castleton, L. A., 428, 429*

Crane, G. A. W., 59, 99*

Davies, F. W., 520, 521*

Edwards, Miles, 34, 35*

Lamborn, S. J., 266, 267*

Markland, Stanley, 460, 461*

Palmer, D. G., 554, 555*

Prichard, M., 364, 365*

Sutton, Guy, 298, 299*

Swallow, W., 162, 163*

Watts, A. J., 234, 235*

Williams, T. R., 202, 203*

see also "Personality of the Week" Series

Mercedes-Benz Design Thinking, 818

Production, 8, 779

Unimog Demonstration, 242*, 845*

138, York Third-axle Conversion, 4*

Merchandise Transport, Ltd., Court of Appeal Findings, 4

Merriworth (Engineering), Ltd., Tandem-axle Semi-trailer, 566*

Merryweather Marquis Fire Appliance, 141*

Orders, 844

Merseyside Traffic Plan, 434

Mersey Tunnel, Proposed Ban on Tankers, 101, 399

Speed Limits, 676, Vehicle Tests, 676

Metropolitan-Cammell Carriage and Wagon Co., Ltd., Scammell Univan, 596*

Vehicle Division Expansion, 399

Mickleover Transport Ltd., 1,000-gal. Tank, 393*

Middlebrough, Transporter Bridge Celebrations, 239

Midway Haulage, Ltd., Licence Application, 205

Miles, Alf'd, Ltd., Tankers, 340

Milk Marketing Board, Bulk Collection, 430*, 826-830*

Millburn Motors, Ltd., Dundee Centre, 244

Millington, B. W., Paper on Measurements in Engine Developments, 813

Mobil Oil Co., Ltd., 3,600-gal. Tanker Semi-trailer, 40*

Monk's International Transport, Ltd., Licence Application, 745

Moon, John F., Articles by:—

Chassis at the Scottish Show, 540-544*

The European Common Market, 112-117

German Design Thinking, 818

Headlamp Systems, 576-579*

Italian Makers Get Into Top Gear, 448-452*

Moran, P., and Sons, Ltd., Licence Application, 865

Morecambe Linking Agreement, Licence Application, 560

Morgan, Samuel, Ltd., Licence Application, 73

Morris Mini-Minor 1-ton Pick-up Truck, 263*

Scottish Motor Show Exhibits, 509

10/12-cwt. Export Models Upgraded, 717

5-ton Low-loaders, 498*, 499*, 598

12/15-ton Tractive Unit Improvements, 660

Morris, G., Haulage (Chingford), Ltd., Licence Application, 811

Morrison, Alfred, T., Licence Application, 564

Motor Industry Research Association, Research Budget, 597

Motor Show, Garage and Vehicle Equipment Exhibits, 410*, 411*

Motorways, see Roads

Munby D. L., Paper to R.H.A. Conference, 379

Paper on Investment in Road and Rail Transport, 804

Municipal Bus Fleet Analysis, 604-607*

Municipal Passenger Transport Association, Annual Conference, 207, 218, 259

Murphy, J., Ltd., Electric Power Line Test Vehicle, 455*

N

National Association of Furniture Warehousemen and Removers, Autumn Conference, 444, 445

National Research Development Corporation, Annual Report, 711

National Road Safety Congress, 343

National Road Transport Federation, Special Agreement on Insurance, 716

Nelson, E., and Sons, Appeal, 342

Newcastle-upon-Tyne, Annual Report, 303

Newman, G. K., Article on The Common Market, 16, 17

Newman, R. F., Retirement, 656

Newark Bus Station Plan, 627

Newport, Fares, 68

Nitrogen-filled Tyres, 308

Nobes, E., Licence Application, 368

Noise, New Regulations to be Introduced, 13, 560

Norman, Henry T., Article on J. and A. Smith of Maddiston, Ltd., 495-497*

Normand Ltd., Mobile Workshop, 470*

Norris, Henry and Gardner, Ltd., Name Changed to Gardner Engines (Sales), Ltd., 752

North Western Road Car Co., Ltd., Licence Application, 531, 592

Reorganization, 627

Northampton Export Club, 75

Northern Trailer Co. 16-17-ton Tandem-axle Semi-trailer, 390*

Nottingham, Annual Report, 212

Exhaust Fume Tests, 777

Fares, 40

Nottingham Commercial Vehicles Ltd., 735-cu.-ft. Luton van on Austin 2-ton Chassis, 744*

NSU-Wankel Engine, Japanese Licences, 8; Daimler-Benz Licence, 437; M.A.N. Licence, 531

Number-plate Unit, Detachable, 613*

Nut-removing Tool, 191

O

Obituary:—

Apsis, H. Spencer, 842

Baker, J. A., 656

Carroll, A. C., 6

Chapple, Major F., 102

Courtesy, E. F., 70

Cunningham, James, 206

Dawes, Stanley S., 687

Flack, Robert, 270

Ginniff, T., 718

Goedel, Walter, 624

Haddleton, S. V., 524

Hartmann, Col. R. T., 464

Jackson, G. H., 38

Lawrence, H. M., 779

Lennard, H. T., 401

Lewis, C. A., 842

Pilcher, R. Stuart, 70

Pope, Major F. A., 842

Robinson, H. Howard, 102

Rogers, J. S., 718

Strang, J., 6

Ward, A. S., 464

Wheatley, R. H., 843

O'Connell, E. S., and Sons, Licence Application, 437

Oldham Express Services, Licence Application, 468

Oldham Group, Annual Report, 165

Olyslager, Piet, 2-ton Van Design, 732*, 733*

O.M. Turin Show Exhibits, 448-452*

Opel Production, 812

Osborne, R. W., and Son, Ltd., Dairyatic Society 1-ton Milk Float, 426*

Oslo Gritting Service, 358*

Otterburn District Coaches, Licence Application, 561

Owen, E. T. M., Licence Application, 595

P

Palmer, D. G. ("Men Who Make Transport" Series), 554, 555*

Pangbourne Coaches, Ltd., Appeal, 212, 628

Paris, One-man Buses, 629

Parking: London Ramp-type Multi-Storey Car Park, 389*

Patfield Electrical Service, Malco Door Lock, 271*

Pedestrians' Association "Pedestrians' Bill of Rights," 51

Pendree, A. H. ("Personality of the Week" Series), 742, 743*

Perkins Appointments, 102

U.S. Market Prospects, 371

6.354 Engine, Optional in White Compact Range, 165; Turbocharged Version, 597

"Personality of the Week" Series:—

Ratt, J. M., 838, 839*

Drain, A. E., 620, 621*

*Illustrations

Hallpike, A. W., 652, 653*

Jarvis, J. R. F., Gibson, 774, 775

Lemmer, J. R., 714, 715*

McIntosh, G., 586, 587*

Marenbon, A., 684, 685*

Pendree, A. H., 742, 743*

Taylor, J. A., 806, 807*

see also "Men Who Make Transport" Series

Personnel Administration, Ltd., 309

Petroleum Spirit Handling, Report of H.M. Inspectors of Explosives, 595

Philadelphia Transportation Company, 110*, 111*

Pilcher, R. Stuart, Death of, 70

Pilkington, V. W., Paper to I.R.T.E., Yorkshire Centre, 573

Pilot 12-cu.-yd. Light-alloy Body and Tipping Gear on Thames Trader Chassis, 75*

Pipelines: Trunk Pipelines Bill, 523

Piston, BICERA Manually Operated Variable-compression, 679*

Pitt, Charles (Barton Stacey), Ltd., 10-ton Drop-frame Semi-trailer, 93*

Pitt, John (Transport), Ltd., Licence Application, 405

"Planning for Profit" Series by S. Buckley:—

Bonus Schemes, 834, 866

Car Fleet Problems and Costs, 62, 94

Cost Comparisons, 1961/2, 770, 800

Costing Interpretations, 31

Compiling a Rates Schedule, 456

Commercial Aspects of Transport, 361, 392

Economics of Aluminium Bodies, 198

Economic Factors Affecting Vehicle Selection, 516

Evaluation of Maintenance Policy, 648

Factors Affecting Hauliers' Quotations, 616

Financing Vehicle Purchase, 158

Matching Operating Costs with H.P. Payments, 230

Operating Costs for 5- and 15-cwt. Vans, 263

Passenger Vehicle Operation, 703

Readers Inquiries, 126, 294, 422, 582, 738

Re-licensing Procedure, 680

Setting up a Sinking Fund, 328

Small Bus Costing, 550

Plant Hire Co. (Stroud), Ltd., Licence Application, 530

Plastics, Applications in Vehicle Construction, Article by Clifford Welch, 178-181*

Paneling, Use in Specialized Haulage and C-lance Work, 186-189*

Plating (Editorial), 741

Plaxton Embassy 29-seat Coach, 72*

Plessey Co., Ltd., Hydrocar 1-ton Industrial Truck, 239

Poind, New Engine, 41

Political Commentary, by Janus, 20, 53, 91, 123, 147, 192, 217, 257, 284, 325, 356, 387, 421, 447, 503, 539, 572, 603, 644, 671, 695, 724, 753, 793, 819, 850

Pope, Major F. A., Death of, 842

Pork Farms, Ltd., Article by P. A. C. Brockington, 225*, 226*

Portugal, Import Quota to be Cut, 782

Potteries Motor Traction Co., Ltd., Burslem Headquarters, 273

Powells Transport, Ltd., Appeal, 559

Powertrac Co., Ltd., Acquired by Bristol Siddeley Engines, Ltd., 783

Pressed Steel Co., Ltd., Training School, 165

Preston Motorway, Revised Proposals, 285

Prichard, M. ("Men Who Make Transport" Series), 364, 365*

Primrose, Trans-Load Device, 372, 396

Production, 138, 374, 527, 647, 752

Public Cleansing International Conference, 245

Public Service Vehicles, Rear Overhang, 132

Pump, Fuel-dispensing, Wayne Meteor, 575*

Purchase Tax Exemption, Revised Minimum Requirements, 12

Q

Queensgate Motors (1954), Ltd., 10

R

R. and C. Autocars, Ltd., Crescent Carrier, 426*

Railway Sites, Ltd., Formed, 138

Ramage, Arthur, and Sons, Appeal, 407

Ramsden's Haulage (Contractors), Ltd., Licence Application, 107

Rankin, R., and Sons, Ltd., Middlesbrough Depot, Article by Ashley Taylor, 254, 255*

Rates Increase of 7½%, 588, 623; Editorial, 585

Meat Haulage, Increase of 10%, 654

Sugar Beet, Proposed Increase, 371

Raviolo, Victor G., Views on Vehicle Design Changes in the Future, 732, 733

Regent Oil Co., U.K. Refinery Plans, 471

Registrations, 172, 375, 565, 641, 833; 1960 Census, 137

Reid, W. Higham, Articles by:—

Licensing Appeals Under Transport Bill, 766, 767

No Need to Fear Streamlined Railways, 664, 665

R.H.A. and Licensing Inquiry, 533; Corres., 574

- Reading Corporation Transport-Thames Valley Traction Co., Ltd., Negotiations Break Down, 659
- Renationalization, Labour Party Policy, 338
- Renault Fourgon 6-cwt. Van, 483*
- Mobile Exhibition Unit, 43*
- Scottish Motor Show Exhibits, 510*
- 4L Van Version, 431
- Retread Manufacturers' Association, 166
- Rhonda Transport Co., Ltd., Fares, 781, 815
- Ribble Motor Services, Ltd., Acquire Scout Motor Services, Ltd., 627
- Licence Application, 401
- Riding, W. and J., Ltd., Licence Application, 19
- Road Haulage Association—
- Conference, 269, 356, 366, 376-379*, 405
- Licensing Inquiry, Article by W. Higham Reid, 533; Corres., 574
- Licensing Study Group, 843
- Vehicle Security Committee, 86-89*, 622; Competition Winners, 271
- Road Materials (Middlesbrough), Ltd., Licence Application, 625
- Road Services (Caledonian), Ltd., Fine Reduced on Appeal, 750
- Road Services (Forth.) Ltd., Merger, 658
- Road Tests—
- Albion Super Reiver 17-ton 17-cwt. six-wheeler, 472-475*
- Atkinson-York 24-ton-gross Articulated Outfit, 734-737*
- Austin 11-ton Forward-control Drop-side Lorry, 310-313*, 343
- Bedford TK 7-tonner (Perkins 6.354 Diesel Engine), 608-611*
- Bedford 6-ton Diesel-engined 4 x 4 Tipper, 855-859*
- Bedford-Scammell 15-ton Articulated Outfit, 758-761*
- Commer Forward-control Diesel-engined 5-tonner, 56-59*
- Commer Walk-Thru 11-ton Diesel-engined Forward-control Van, 706-709*
- Commer Walk-Thru 2-ton Petrol-engined Forward-control Van, 568-571*
- Guy Warrior-B.T.C. 20/24-ton Articulated Outfit, 794-797*
- Land Rover Series II 4-ton 4 x 4, 220-224*
- Leyland Beaver-Scammell 24-ton-gross Articulated Outfit, 250-253*
- Seddon Mk. 2 8-tonner (Leyland Diesel Engine), 352-355*, 403
- Road Traffic Bill, 404, 469, 536, 591, 654, 687, 716, 843
- Road Transport Services (Hackney), Ltd., New Premises, 306
- One-piece Plastics Cab for A.E.C. Mercury, 660*
- Roads—
- "Basic Road Statistics" (British Road Federation), 406
- Construction Allocations, 40, 138
- "Heads of the Valleys" Road, 656
- Ice Warning: Iceclert Electronic Equipment, 547*
- Motorway Programme, 406
- Preston Motorway, Revised Proposals, 285
- Right-hand Driving Study Being Made by Ministry of Transport, 618
- South Wales Survey, 431
- Robin Hood (Coaches), Ltd., Offer by Barton Transport, Ltd., 164
- Robinson, H. Howard, Death of, 102
- Rochdale, Report 1960/61, 165
- Rogers, J. S., Death of, 718
- Rogerson, R. B., Licence Application, 76
- Rolls-Royce-B.M.C. Collaboration Talks, 752
- Rootes Group, Results, 1960/61, 564
- Roper, C. I. and Son, Ltd., Licence Application, 71
- Ross Group, Ltd., Refrigerated Articulated Fleet, 612*
- Rossendale Municipal Bus Merger Feels, 690
- Rotherham, Annual Report, 375
- Rothwell, J. and G., Ltd., Appeal, 433
- Roto Diesel, S.A., Blois Factory, 285
- Rover 21-litre Diesel Engine for Land Rovers, 278*, 279
- Rowe Hillmaster Tipper, 841*
- Royal Automobile Club, Austin Seven Vans for Radio Rescue Service, 74*
- Royal Lancashire Agricultural Society, Annual Show, 52
- Royal Society for the Prevention of Accidents, Safety Campaign, 309
- Rural Bus Services, Conservative Party Deputation to Minister, 11; Editorial, 553; Jack Committee on, 430; No Early Government Action, 657; Parliamentary Questions, 618
- Russell, John (Grangemouth), Ltd., Licence Application, 530, 630, 841
- Russia, see U.S.S.R.
- Ryman, H. J., Ltd., Delivery Vehicle, 167*
- St. John's Garage (Keraan), Ltd., Licence Application, 37
- Salisbury Motor Services, Ltd., Appeal, 8
- Samuels, Alex. Moves to Covent Garden Authority, 462*
- Scammell Constructor 6 x 4 Tractor, 725; 6 x 6, 803*; Tank Recovery Vehicle, 268*
- Fourtrak Semi-trailer, 245*, 305
- Highwayman with Power Steering, 157*
- Orders, 40, 74, 210, 240, 272
- Scottish Motor Show Exhibits, 510
- Sherpa 4 x 2 Dump Truck Mark III, 340
- Univan, 596*
- Bedford 15-ton Articulated Outfit (Road Test), 758-761*
- Scania-Vabis Antbear, 271*
- School Buses in Scotland, Article by John Wilson, 480-482*
- Scotland, Highland Transport Inquiry, 756
- New Towans' Transport Problems, 500-502*
- Scott, John, Garage Development Inquiry, 36
- Scottish Horse and Motormen's Association Conference Resolutions, 686
- Scottish Motor Show, 504-515*, 534-544*
- Scottish Omnibuses Group, Fleet Replacement Programme, 432
- Scotcom, Guy ("Men Who Make Transport" Series), 298, 299*
- Scotcom, Ltd., 1-ton Two-wheeled Trailers, 677*
- Scot Motor Services, Ltd., Acquired by Ribble Motor Services, Ltd., 627
- Seat Mechanism, Hydraulically-damped, 446*
- Seats, Bostrom-Kent Sprung Driving, 830*
- Securicor, Ltd., Appeal, 589, 631
- Security Services (Scotland), Ltd., Licence Application, 275
- Seddon Diesel Vehicles, Ltd., Board Reorganization, 623
- Results, 1960/61, 780
- Scottish Motor Show Exhibits, 510
- 8-tonner Mk. 2, 256*; Road Test, 352-355*, 403
- Semi-trailer Axle Arrangements, Article by A. J. P. Wilding, 148-151*
- Sheffield, Results, 786
- Sheffield United Tours, Ltd., Appeal, 719
- First 36-ft. P.S.V. in Service, 334
- Shepherd, A. C., Appointed Deputy Licensing Authority, South Eastern Traffic Area, 817
- Shepherd's Transport (Enfield), Ltd., Licence Application, 398, 561
- Significant Licensing Cases, 50, 194, 357, 545, 642, 824
- Simms Motor and Electronics Corp., Ltd., Acquire Crodand Filters, Ltd., 779
- Simon Snorkel Fire-fighting Unit, 243
- Simpson's Motors, Fares, 691
- Size, Vehicle, see Dimensions, Vehicle
- Small and Parkes, Ltd., Reorganization, 747
- Smith, Arthur, Appeal, 528
- Smith, A. H., Licence Application, 69
- Smith, F. W., Licence Application, 104
- Smith, J. (Bicknor), Ltd., Licence Applications, 101, 515
- Smith, J. and A., of Maddison, Ltd., Article by Henry T. Norman, 495-497*
- Licence Application, 658
- Smith, J. M. A., Resignation from Ford Motor Co., 270
- Smith, S. and Sons (England), Ltd., Offer to Acquire Lodge Plugs, Ltd., 721
- Smithfield Refrigerator Co., Ltd., Semi-trailer Outfit for Transport of Refrigerated Display Units, 210*
- Smithfield Show, 628
- Smith's Bellshill Haulage, Licence Application, 244
- Smith's Delivery Vehicles, Ltd., Transitruc, 248*, 426*
- Smith's Luxury Coaches (Reading), Ltd., Appeal, 527
- Snow Clearance: Aberdeenshire Programme, Article by Ashley Taylor, 488-491*
- Licensing Position, 824
- South Shields, Results 1960/61, 528
- South Wales Transport Co., Ltd., Fares, 781, 815
- Southdown Motor Services, Ltd., Fares, 206
- Southern Coach Centre JX20 Coach, 754*
- Southport Corporation Passenger Transport, Article by Ashley Taylor, 82-84*
- Sparshatts (Metal Bodies), Ltd., 4 x 4 Ambulances for Persian Army, 81*
- S.P.D., Ltd., New Chairman, 164
- Speed Limit, Good Vehicles, Possibility of Increase to 40 m.p.h., 591, 619, 744
- Spencer All Angle Car Lift, 645*
- Spinks Transport Services, Ltd., Licence Application, 103
- Soitfields Market Strike, 692
- Spurr, Dr. R. T., Paper on Brake Squeal, 515
- Spurner Memorial Lecture, 666, 667, 724
- Stacatrac, Ltd., New Name for I.T.D., Ltd., 748
- Staffordshire Farmers, Ltd., Article by S. Buckley, 672-676*
- Standard, Scottish Motor Show Exhibits, 510
- Standard-Triumph International, Board Changes, 100
- Future of, Statement by Sir Henry Spurrer, 139
- Stanley Engineering Co., Ltd., Manuletric 730, 426*
- Start Pilot, Ltd., Unit No. 6, 90*
- Starways, Ltd., Air Transport Licensing Board Application, 7
- Steel Haulage, Tees-side Hauliers Protest to Northern Licensing Authority, 625
- Stone, A., Report on Passenger Transport in America, 831
- Sirachans (Successors), Ltd., Acquired by Giltspur Investments, 833
- Strutt and Parker (Farms), Ltd., Bulk Milk Tanker Collection Service, 563*
- Stockton, Results 1960/61, 69
- Store, R., Ltd., Licence Application, 73
- Strang, J., Death of, 6
- Studebaker Diesel Tractive Unit, 718*
- Sugar Beet Rates, Increase Proposed, 371
- Sullivan, W., Ltd., Transport of Television Equipment to Eire, 71*
- Sunter Bros., Ltd., Queens Bench Appeal Dismissed, 869
- Suspension, Camryde Variable-rate, 752, 792
- Swallow, W. ("Men Who Make Transport" Series), 162, 163*
- Swan, Wm. (Contractors), Ltd., Licence Application, 44
- Sweden, Sales Figures, 305
- Sweetway Sanitary Cleaners, Ltd., C-licence High Court Decision, 190
- Swindells, T. and Sons (Hauliers), Ltd., Licence Application, 243
- Switzerland, Imports, 307
- Tait, J. H., Transport (York), Ltd., Licence Application, 239
- Tamplin, N. and Co., Ltd., Portable Bulk Containers, 681*
- Tankers, Galvanized Steel Cladding, 813
- Taskers 13-ft. Trailer Chassis (P.T. Sheil), 721*
- 16-ton Twinside Semi-trailer, 405*
- Tattersall, Norman, Appointed to Board, Empresa Nacional de Autocamiones S.A., 688*
- Tawse, William, Ltd., 492-494*
- Taylor, Ashley, Articles by:
- Aberdeenshire Snow Clearance Programme, 488-491*
- Edinburgh Industrial Tours, 668-670*
- Gilbrath Organization, 762-765*
- R. Rankin and Sons, Ltd., Middlesbrough Depot, 254, 255*
- Off-peak Handling, 787-789*
- Southport Corporation Passenger Transport, 82-84*
- Taylor, J. A. ("Personality of the Week" Series), 806, 807*
- Tecalemit (Engineering), Ltd., Formed, 38
- Telehoist, Ltd., Blairinn Factory, 812
- Temple Press Limited, Appointments, 842
- Board Changes, 744
- Tempo Matador Single-car Transporter, 291*
- Testing, Compulsory, Seven-year, 307, 525
- Thacker, C., Appointed Deputy Chairman, Ford Motor Co., Ltd., 270
- Thames Valley Traction Co., Ltd., Reading Corporation Transport Negotiations Break Down, 659
- Theft—
- Anti-theft Devices, Johnson "McGuard," 44;
- Lucas 545 Master Switch, 355*
- Editorial, 65
- Figures for Metropolitan Area, 39, 622
- National Security Exhibition, 379
- R.H.A. Vehicle Security Committee, 86-89*
- 622; Competition Winners, 271
- Vehicle Security, Article by Kenneth Bowden, 86-89*
- Thomas, H. (Motors), Ltd., Appeal, 721
- Thomas, W. J., Licence Application, 106, 659
- Thornbury Transport, Ltd., Licence Application, 526, 615
- Thornycroft Big Ben, Sandmaster Tractor, 617*; 6 x 4 Tipper, 213*
- Orders, 8, 40, 141
- Remaining Stock Sold, 562
- Scottish Motor Show Exhibits, 511
- Trusty Tipper, 213*
- Elm, of New Plant, 744
- Tilling-Stevens, Ltd., Results 1960/61, 658
- Tesley, Norman H., Articles by—
- Atlas Express Co., Ltd., Nottingham Parcel Depot, 790-791*
- B.R.S. Grangemouth Depot, 700, 701*
- B.R.S. (Parcel), Ltd., Scottish Division, 476-479*
- Cousins Transport (Sible Hedingham), Ltd., 851-854*
- European Common Market, 78-81*
- Tipper: Illustrated Selection of Vehicles Recently Delivered, 705*
- "Pirate" Activities, 132
- Todd Brothers (Dinas Powis), Ltd., Compulsory Winding-up, 432
- Torch, Cutting and Weaving, 227*
- Townsin, A. A., Articles by—
- Kendrick Transport, Ltd., 860-863*
- The Small P.S.V., 754-756*
- Tractor, International Harvester HT-340 Research, 272*
- Trablers Road Transport Association, New Address, 300
- North-Western and Merseyside and North Wales Divisions, Amalgamated, 101
- Trades Union Congress, 204
- Traffic, Commuter, in Contributions, Paper by Anthony Bull, 726, 727
- Signs Committee, 842

- Trahair, N. R., Paper to Institute of Traffic Administration, 435
 Trailer Plates and Rear Reflectors, Ministry Proposals Withdrawn, 164
 Trailmobile Inc. 85-ft. Trailer for Iranian Dam Project, 324*
 Transmission, Automatic, Borg Warner Model 35, 277
 Hydrostation, Firth, 335; Hydro-stabil, 239
 Transport Bill, 404, 466, 467, 539, 562, 625, 692, 806, 843
 Licensing Appeals Under, Article by W. Higham Reid, 766, 767
 Transport Development Group, Ltd., Acquires James Clarke and Sons (Haulage), Ltd., 273
 Bid for Aberdeen Ice Co., 335
 Results, 237
 Transport Vehicles (Warrington) Ltd., Converted Sentinel Chassis for Coal Tipping, 440-441*
 Transistors, Semi-conductor Devices, by David Gurwicz, 248, 249
 Trigg, L. G. and Co., Ltd., Prosecution Appeal Allowed by Queen's Bench Divisional Court, 843
 Transport Ferry Service, by Charles M. Hendy, 46-49*
 Trojan Three-wheeler, 204
 Trukair and Trucks Services, 344-347*
 Tunny Cranes, Ltd., 3-ton Mobile Crane, 309* 370
 Turbocharged Engines, C.A.V. Pneumatic Governor System for, 224
 Turnbull's Transport Packing Co., Ltd. Driver's Records Inquiry 840
 Turner, Joseph, H., (Transport), Ltd., Celotex Bid, 236
 Tyre, James, Licence Application, 245
 Tyres, Price Reductions, 301
 Tubeless, Repairs, Multi-Plast Process, 55*

U

- Unimog, see Mercedes-Benz
 Usher-Walker, Ltd., 6-ton Tanker for Printing Ink, 434*
 Ulster Transport Authority, Capital Debt of £9,645,000 to be Written Off, 594
 United Transport Co., Ltd., Results, 1960, 12
 Unity Garage Breakdown Service, 205
 U.S.A.:—
 Diesel Developments, 100
 Haulage Costs Increase, 77
 Haulage Revenue Increase, 854
 Highway Post Offices, 854
 Passenger Transport, Report by A. Stone, 831
 Pick-a-Back Services, 75, 367
 Production, 44, 374
 U.S.S.R.:—
 Exports, 723
 MAZ Articulated Tipper, 776*
 Production, 779

V

- van der Brink, W. B., Europ-freighter 2001, 732, 733
 Vauxhall, Ellesmere Port Factory, 76
 Exports, 776
 Hooton Park Factory 40
 Volkswagen, Scottish Motor Show Exhibits, 511
 Volvo, Increased Production, 204
 B36 AV 3.6-litre V-8 petrol engine, 386*

W

- Wages:—
 B.R.S., 366, 398, 430
 L.T.E., 132, 236, 268, 335, 373, 522, 557, 588, 628, 663, 686, 717, 815
 Municipal Busmen, 588, 628, 663, 686, 815
 Provincial Busmen, 522, 588, 628, 663, 686, 815
 Road Haulage Workers, 68, 100, 268, 334, 527, 654
 Wainfleet Motor Services, Ltd., Appeal, 135
 Waiting Buses: London Clearway, 68
 Wallace Arnold Tours, Ltd., Licence Application, 752
 Walter, Martin, Dormobile Order, 8
 Wankel, see NSU-Wankel
 Ward, A. S., Death of, 464
 Wareham Transport, Licence Suspension Inquiry, 306
 Warning Instruments, Audible, Amendments to Regulations, 307
 Waring, V. G., and Sons, Licence Application, 108
 Warrington, Annual Report, 375
 Watson, A. and W., Licence Application, 213
 Watts, A. J., ("Men Who Make Transport" Series), 234, 235*
 W. and E. Vehicles, Ltd., 12-2 ton Articulated Bulk Carrier, 426*
 Weaving, Dr. J. H., Lecture on Small Gas Turbines, 816
 Weights, Gross Vehicle, Increase, N.R.T.F. Proposals, 689; Under Review by Ministry of Transport, 719, 811
 Welburn, J. H., Ltd., Licence Application, 106
 Welch, Clifford, Article on Plastics in Vehicle Construction, 178-181*
 Welsh Agricultural Organization Society, Ltd., Handling System, 293*
 Wentbridge By-pass, 655
 Wessex National Hospital Board, Mass Radiography Unit, 44*
 West, Dr. E. G., Article on Aluminium in Road Transport, 174-177*
 West Bromwich, Fares, 137
 Western Welsh Omnibus Co., Ltd., Fares, 71, 106, 781, 815
 Milford Haven Bus Station, 659*

*Illustrations

- Westland Aircraft, Ltd., SR-N2 Hovercraft, 630*
 Wheatley, B. H., Death of, 843
 Whinney, R., Ltd., Licence Application, 357
 White Compact, 537*, 471*; Perkins 6.354 Diesel Engine Optional in Range, 165
 Whiteford, R., Licence Application, 237
 Whittaker, H., Licence Application, 139
 Wicks, J. W., Paper on Re-conditioning of High-speed Automotive Engines, 86
 Wilding, A. J. P., Article on Semi-trailer Axle Arrangements, 148-151*
 Williams, T. R., ("Men Who Make Transport" Series), 202, 203*
 Williamson, F., Retirement, 843
 Willys Jeep Fleetvan, 660
 Wilson, John, Article, School Buses in Scotland, 480-482*
 Wilson and Cousins Co., Ltd., Fire-pac Tender, 816*
 Windscreens Fitting Equipment, 191*
 Windsorian Touring Co., Ltd., Licence Application, 690
 Wingards Millionth Mirror, 782
 Wire Stripper, Automatic, 21*
 Wolfwagon Powered Trailers, 231*
 Wolverhampton and District Co-operative Society, Ltd., Article by P. A. C. Brockington, 820-823*
 Womar, J. W., Appointed General Manager, Potteries Motor Traction Co., Ltd., 688
 Wood, William, Licence Application, 243
 Woodcocks Transport (Rotherham), Ltd., Licence Application, 403
 Woodham, A. E. (Cleansing Services, Ltd.), Appeal, 845
 World Touring and Automobile Organization (O.T.A.), Meeting, 629
 Wright, E. G., Licence Application, 720, 846
 Wright, P. E. G., Licence Application, 374

Y

- Yale and Towne Orders, 272
 York Trailer Co., Ltd., Air Load Transfer Device, 372*, 396
 Double-drive Third-axle Conversion, 339*
 Glasgow Depot, 103
 Orders, 141
 Tandem-axle 20-ton Semi-trailer, 140*
 Trailing Axle Conversion, Approved for Trader 7- and 7½-ton models, 694
 Third-axle Conversion on Mercedes-Benz, 338, 4*
 York Trailers Europa, Ltd., Formed, 531
 Yorkshire Woollen District Transport Co., Ltd., Bill to Vary Terms of Local Transport Act, 592
 Yugoslavia, New Bus, 73
 T.A.M. 4-500 Lorry, 41

